

**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Application No.: 10/539,634  
Filing Date: December 9, 2005  
Applicant: Leon Carlock et al.  
Group Art Unit: 1649  
Examiner: Chang-Yu Wang  
Title: BIOACTIVE PEPTIDES AND UNIQUE IRES ELEMENTS  
FROM MYELIN PROTEOLIPID PROTEIN PLP/DM20  
Attorney Docket: 4981-000011/NPB

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Mail Stop AF  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

**AMENDMENT AFTER FINAL**

Sir:

In response to the Office Action mailed August 30, 2007, and in light of the November 6, 2007 telephone interview with Examiner Wang and SPE Saoud, please amend the application as follows and consider the remarks set forth below.

**Amendments to the Claims** begin on page 2 of this paper.

**Remarks** begin on page 13 of this paper.